ABSTRACT OF THE DISCLOSURE

A stable rewritable multi-layer information recording medium capable of suppressing noises and a recording apparatus for the same. The multi-layer information recording medium is capable of recording/rewriting information, provided with a plurality of recording layers sequentially layered through spacer layers. Each recording layer is made of a material that changes reflectance upon irradiation of a beam of light, each recording layer is provided with alternately and adjacently aligned information rewritable regions and pre-pit regions where predetermined information has been written. Average reflectance of the rewritable regions is different from average reflectance of the pre-pits regions. In this construction, the pre-pit regions have recording marks that lessen a difference between the average reflectance of the rewritable regions and the average reflectance of the pre-pit regions. The recording apparatus for recording/rewriting information by irradiating a beam of light to a multi-layer information recording medium capable of recording/rewriting information, includes a circuit for generating a recording mark signal for recording a recording mark of a predetermined length in each of the pre-pit regions while the beam of light is irradiated on the pre-pit region.